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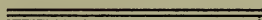


ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

for the Year 1945.



CARLTON URBAN DISTRICT COUNCIL.

ANNUAL REPORT, 1945.

The Chairman and Members of the Carlton U.D.C.

GENTLEMEN,

I herewith submit my 6th Annual Report on the Health Services of the Council. It will be shewn that the health of the population is satisfactory and that the vital statistics shew consistent improvement.

The work of the Sanitary Inspectors is also summarised.

The excess of births over deaths is 225.

Population ... 30,210.

Vital Statistics.

Births.—Live 545 Male 302 Female 243

Still 9

Illegitimate.—Live 42 Stillbirth 1

Deaths ... 320 Male 166 Female 154

Deaths under 1 year 20 (Illegitimate 4)

7 of these were due to immaturity.

Maternal Deaths Nil.

Birth Rate. Live and still 18.0 per 1,000 population.

Death Rate. 10.6 per 1,000 population.

Infantile Death Rate. 36.7 per 1,000 live births.

Comparative Figures.

	Carlton.	England and Wales.	148 smaller Towns.
Live Birth Rate ...	18.0	16.1	19.2
Death Rate ...	10.6	11.4	12.3
Infantile Mortality Rate	36.7	46.0	43.0
Diarrhoea and Enteritis under 2 yrs. per 1,000 births ...	1.8	5.6	4.5
Still births per 1,000 births ...	16.5		

The vital statistics are satisfactory and better than those for the country as a whole.

The Live Births—545—are 83 less than in 1944.

The Infantile Mortality Rate is 36.7 per 1,000 live births—compared with 30.2 in 1944—and is much lower than that for the country (46.0).

The deaths are 5 less than in 1944 and one-third of the deaths were in persons of 75 and upwards.

Of 42 children born to unmarried mothers, 4 died before reaching the age of 1 year.

The ratio of still births per 1,000 population is only half the average figure of .46 per 1,000 for England and Wales.

Diseases Notified in 1945.

		Deaths.		Removed to Hospital.
Scarlet Fever	... 75	1	29	
Whooping Cough	... 20	Nil	Nil	
Diphtheria	... 18	2	18	
Erysipelas	... 5	Nil	1	
Measles	... 542	Nil	1	
Pneumonia	... 11	12	Nil	
Cerebro-Spinal Fever	... 2	Nil	2	
Puerperal Pyrexia	... 4	Nil	1	
Ophthalmia Neonatorum	5	Nil	Nil	
Acute Poliomyelitis	... 1	1	1	
Dysentery	... 2	Nil	2	
Acute Encephalitis				
Lethargica	1	1	Nil	
Pulmonary Tuberculosis	36	16		
Other	3	3		

Notifiable and Other Special Diseases.

MEASLES. 542 cases notified. Measles started in late Autumn of 1944 continuing until April 1945. This was the largest outbreak the country has experienced since it became notifiable.

DYSENTERY has been prevalent throughout the country. Two cases occurred in the district.

DIPHTHERIA locally has been slight, causing 2 deaths in the 18 cases notified. 12 cases occurred the year before.

654 children were fully immunised in 1945, making a total of 5,340 since February, 1941.

Facilities have been afforded by the Notts. County Council for me to do this work at the Clinic at Park House with the help of the Health Visitors.

88% of the child population are now protected.

INFLUENZA. A small outbreak only with no deaths locally.

CANCER. The deaths were 56—7 less than in 1944.

SMALLPOX. A few smallpox contacts were kept under observation—they had been recently vaccinated before disembarking.

SCARLET FEVER. 75 cases compared with 118 in 1944, with one death.

WHOOPIING COUGH. 20 cases notified with no deaths.

TUBERCULOSIS. 36 new cases of Pulmonary and 3 cases of Non-Pulmonary have been notified in 1945, compared with 22 cases of Pulmonary Tuberculosis in 1944.

The deaths were 19 as compared with 20 for 1944.
10 cases were written off as recovered.

It is hoped that Mass Radiography will soon be available for all.

SCABIES. 56 cases were notified. Soap, ointment, lotions and disinfectants were supplied by the Sanitary Department. Clothing and bedding were sprayed or fumigated and washed at home. Each case is entered on a card and the home visited. All cases are seen by the Medical Officer of Health who directs the treatment and gives a certificate when cured.

PEDICULOSIS. Seven cases presented themselves with infested heads and were suitably treated.

Causes of Death.

		Male.	Female.
Cerebro-Spinal Fever	...	—	—
Pulmonary Tuberculosis	...	9	7
Other	...	2	1
Syphilitic Diseases	...	1	1
Influenza	...	—	—
Cancer	...	22	34
Scarlet Fever	...	1	—
Infantile Diarrhoea	...	1	1
Acute Infective Encephalitis	...	1	—

		Male.	Female.
Diabetes ...	...	—	1
Vascular Cerebral Lesions ...	...	11	21
Heart Disease ...	...	41	36
Circulatory System ...	...	10	4
Bronchitis ...	...	12	7
Pneumonia ...	...	9	3
Other Respiratory Diseases ...	...	—	—
Peptic Ulcer ...	...	3	—
Polio-Myelitis ...	...	—	1
Other Digestive Diseases ...	...	3	3
Nephritis ...	...	2	5
Appendicitis ...	...	—	1
Diphtheria ...	...	2	1
Premature Birth ...	...	7	—
Congenital Defects—			
Debility, Marasmus, etc. ...	...	4	2
Whooping Cough ...	...	—	—
Road Traffic Accidents ...	...	1	—
Other Violence ...	...	5	3
Other Causes ...	...	17	19
Suicide ...	...	2	3

There were no deaths from Typhoid, Measles, Influenza, Puerperal Sepsis and Whooping Cough.

Deaths in persons of 75 and upwards ... 100

Tuberculosis.

Age Group,	New Cases.				Deaths.			
	Resp.		Non-Resp.		(old and new cases)			
	M.	F.	M.	F.	Resp.	Non-Resp.	Resp.	Non-Resp.
1—5 years ...	—	—	—	—	1	—	—	—
5—15 „ ...	—	—	—	1	—	—	1	—
15—25 „ ...	5	6	—	1	—	2	—	—
25—35 „ ...	1	4	—	1	—	1	—	—
35—45 „ ...	1	5	—	—	2	3	1	1
45—55 „ ...	5	1	—	—	4	—	—	—
55—60 „, and over	7	1	—	—	2	1	—	—
Totals	19	17	—	3	9	7	2	1

(39)

(19)

This is an increase of 17 over the 1944 notifications ; as expected the age group 15—25 is the worst.

Number on the Register January 1st, 1945	...	214
Number added or restored to the Register	...	39
Number removed from the Register	...	69
Number on the Register January 1st, 1946	...	184

Localisation of Disease in New Cases.

		Male.	Female.	
Respiratory	...	19	17	
Other	...	—	3	
		—	—	
		19	20	Total 39.
		—	—	

Summary of Sanitary Work accomplished during the Year 1945.

			Total.
Drain Inspection Chambers	...		8
Drains repaired	...	...	28
Drains cleansed	...	...	154
Closets repaired	...	...	55
Sink Wastes, new or repaired	...	...	26
Sinks, new	...	...	2

HOUSES REPAIRED.

Ceilings	...	...	29
Firegrates, new or repaired	...	...	65
Coppers	"	"	45
Floors	"	"	49
Roofs	"	"	115
Chimneys	"	"	29
Burst Waterpipes	...	...	157
Spouting, new or repaired	...	...	41
Dampness remedied	...	...	10
Miscellaneous (locks, latches, cards, etc.)			207
Dustbins defective	...	...	236
Outhouses repaired	...	...	41
Yard Passages repaired	...	...	14
Nuisances from Animals	...	...	3
Smoke Nuisances	...	...	1
Cesspits overflowing	...	...	2
Complaints received	...	...	363

Shops Act, 1912—1936.

Number of visits to shops	691
Attention of shopkeepers was called to the following :	
Failure to exhibit half-day closing notices	4
Failure to exhibit Sunday Trading notices	6
Form F (Hours worked by Young Persons)	
not filled in	10
Unsatisfactory Washing Facilities, Floors,	
Lavatories, etc.	12
Unsatisfactory Temperature	2
Prosecutions	Nil

EXTRACT FROM REPORT OF THE PUBLIC ANALYST Year ending 31st December, 1945.

Articles purchased for Analysis, etc.	Examined by the Inspector.			Analysed by the Public Analyst. Result of Analysis.	Result of proceedings taken in respect of Adulterated Samples.
	No.	Correct	Incor'ct.		
Milk ...	21	19	2	2 (1) 11.5% added water. (2) 30.7% added water.	Cautioned. Fined £20 including £5.0.6 costs.

EXAMINED BY THE COUNTY BACTERIOLOGIST MILK (Special Designations) ORDER, 1936-38.

	No. of Samples taken.	Complied.	Failed to comply.
Tuberculin Tested ...		—	—
Accredited ...	122	101	21

HEAT TREATED MILKS (Prescribed Tests) ORDER, 1944.

	No. of Samples taken.	Complied	Failed to Comply.
Pasteurised	18	12	6
T.T. Pasteurised	—	—	—
Sterilised	—	—	—
Heat Treated	—	—	—

INFORMAL SAMPLES OF MILK TESTED BY
“GERBER” TESTER.

	Correct.	Incorrect.
No. of samples taken by Inspectors 151	149	2
No. taken at Farms	—	—
No. submitted by Milk Vendors to Inspectors 11	5	6

17 samples of other foodstuffs were examined. 1 sample of Baking Powder was deficient in CO₂ and 1 informal sample of Glauber Salts did not conform.

SAMPLES OF MILK TAKEN FOR ANALYSIS
BY CARLTON U.D.C.

- 13 Samples of Pasteurised. 2 failed to comply with the Phosphatase test. The cause was a breakdown of machinery which was rectified. All subsequent samples from the same firm have been satisfactory.
- 24 Samples of New Milk. 23 satisfactory and 1 unsatisfactory.
- 19 Samples of Accredited Milk have been taken on behalf of the Ministry of Health. 17 satisfactory and 2 failed the prescribed tests.

Foods destroyed as Unfit for Human Consumption.

Chopped Ham	Tinned	...	8 $\frac{3}{4}$	lbs.
Evaporated Milk	"	...	364 $\frac{1}{2}$	"
Fish	"	...	82 $\frac{1}{4}$	"
Fruit	"	...	5	"
Jam	"	...	26	"
Luncheon Meat	"	...	75 $\frac{3}{4}$	"
Meat and Vegetables	"	...	35	"
Sausage Links	"	...	21	"
Sausage Meat	"	...	12	"
Soup	"	...	6	"
Steak	"	...	5	"
Vegetables	"	...	74	"
Bacon		...	48 $\frac{1}{2}$	"
Dates		...	174 $\frac{3}{4}$	"
Eggs		...	42	"
Lard		...	56	"
Margarine		...	4	"
Milk		...	220	"
Pearl Barley		...	46	"
Sausage Rusks		...	112	"
Total Weight			1418 $\frac{1}{2}$	lbs.

Maternity and Child Welfare.

Of the 545 live births 390 were registered locally, leaving 155 born outside the district and in Institutions such as Basford and Mansfield and Private Nursing Homes.

Maternal Mortality was Nil.

There is no increase in Illegitimacy.

There is urgent need for increased accommodation for those cases where the home conditions are unsuitable.

From personal observation of a large number of children there is no doubt that their health and nutrition are excellent thanks to the Vitamin issue of Cod Liver Oil, Orange Juice, prepared milk foods for mothers and children and to the milk and dinners at School.

General.

Hospital accommodation for Infectious Diseases has been on the whole satisfactory, but in some cases shortage of staff has overshadowed shortage of beds.

Ambulances. The Council owns 2 Ambulances.

Home Nursing is carried out by the District Nursing Association whose returns are submitted to the Council.

The B.R.C. and the W.V.S. have been useful in supplying help for urgent cases and for the removal to a distance of those unable to travel by train.

Water Supply—constant and of good quality. A score or so of houses in Netherfield are supplied by well water elevated to a distributing tank. The water is free from impurities.

Sewerage. The water carriage system prevails and the sewage is treated at the Nottingham Corporation Sewage Farm.

House Refuse. This is disposed of by Controlled Tipping well away from the town.

SUMMARY.

The birth rate, death rate, infant mortality rate and Maternal mortality rate are all better than the average for the country generally.

Infectious diseases shown no undue prevalence.

Tuberculosis notifications have increased since more people have been subjected to X-ray examination.

The control and eradication of Tuberculosis has a lot of lee-way to make up. More Sanatorium beds are urgent and also Hospitals or Homes for the advanced cases.

All milk must be heat treated or dried. Every Local Authority in my opinion should build bungalows with verandahs for the Tubercular section of the community. The advanced case in the home and family is always a source of infection.

I remain of the opinion that a Maternity Home should be acquired to meet local needs.

Notwithstanding the hardships, deprivation of essentials, overcrowding, depletion of staff, and lack of many facilities for treating the sick and indigent, the Carlton U.D.C. is to be congratulated on its fine record of Public Health during the past six years.

Diphtheria Immunisation of Infants and 5-year olds should go on with unabated vigour—the number of weekly notifications in England and Wales is greatly reduced but is capable of further reduction.

Diphtheria, Typhus, Dysentery and Malaria and Small-pox are diseases which may invade this Country from Europe and the East.

Dr. Deeny, the Medical Officer of Health, and Mr. Wragg, the Sanitary Inspector, are welcomed back from their Military duties. I thank them for their co-operation in compiling the figures for this report which is my valedictory one, and in which I take this opportunity of thanking the Members of the Council and their Officials for their help and support.

Yours faithfully,

B. C. STEVENS, M.D., F.R.C.S. (Ed.), D.P.H.,

Acting Medical Officer of Health.

